

**PATENT****Amendments to the Claims:**

This listing of claims will replace all prior version, and listings, of claims in the application:

**Listing of Claims:**

- Claim 1. (currently amended): An embedded data code on a substrate, comprising:  
periodic tiles, each tile comprising  
a predefined code area having a code pattern common to the other tiles; and  
a predefined occlusion area not necessary for decoding the code pattern, the predefined occlusion area having the same location and shape in the periodic tiles.
- Claim 2. (original): The embedded data code of claim 1, wherein each tile comprises glyphs.
- Claim 3. (original): The embedded data code of claim 1, wherein the occlusion comprises a second code pattern.
- Claim 4. (original): The embedded data code of claim 1, wherein the occlusion comprises a graphic.
- Claim 5. (original): The embedded data code of claim 1, wherein the occlusion comprises text.
- Claim 6. (original): The embedded data code of claim 1, comprising multiple occlusions within a tile.
- Claim 7. (original): The embedded data code of claim 1, comprising occlusions which are contiguous for occlusion strips spanning across tile boundaries.

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Claim 8. (original): The embedded data code of claim 7, wherein the occlusion strips contain printing across tile boundaries.

Claim 9. (withdrawn): An embedded data code on a substrate, comprising:  
periodic tiles, each comprising  
a predefined code area having a code pattern common to the other tiles; and  
a predefined occlusion area comprising address codes.

Claim 10. (withdrawn): The embedded data code of claim 9, wherein the address codes provide a logical ordering reference for the tiled code pattern.

Claim 11. (withdrawn): The embedded data code of claim 9, wherein each tile comprises glyphs.

Claim 12. (withdrawn): The embedded data code of claim 9, wherein the occlusion further comprises a graphic.

Claim 13. (withdrawn): The embedded data code of claim 9, wherein the occlusion further comprises text.

Claim 14. (withdrawn): The embedded data code of claim 9, comprising multiple occlusions within a tile.

Claim 15. (withdrawn): The embedded data code of claim 12, wherein the graphic comprises glyphs.

Claim 16. (withdrawn): The embedded data code of claim 15, wherein the graphic comprises glyphtones.